

CLAIMS

The invention claimed is:

1. A device for securing an inkjet cartridge, said device having a laterally extending member and an upright member, said upright member adapted to receive a stem from a gasket there through, said stem at one end connecting to a mat portion of said gasket, said mat being pressed against an inside face of said upright member, a fluid transmission circuit defined by both a conduit, said conduit being defined by said stem and a portion of said mat along with an aperture defined within said mat, said device further comprising a releasable latching mechanism at a distal end of said laterally extending member, said latching mechanism serving to lock down an outer end of an inkjet cartridge, the improvement in said device comprising:

an overhang portion on said upright member, said overhang portion having a downwardly depending portion which engages an outcropped portion of said cartridge from above to hold down said outcropped portion.

2. The device of claim 1 wherein said cross section of said laterally extending member comprises a wave.

3. The device of claim 2 wherein said cross section of said laterally extending member comprises two waves.

4. The device of claim 3 wherein said cross section of said laterally extending member comprises an inner plateau followed by a first valley followed by a first crest followed by a second valley followed by a second crest followed by a third valley followed by an outer plateau.

5. A device for securing an inkjet cartridge comprising:

a laterally extending member;

and an upright member;

said upright member adapted to receive a stem from a gasket there through, said stem at one end connecting to a mat portion of said gasket, said mat being pressed against an inside face of said upright member, a fluid transmission circuit defined by both a conduit, said conduit being defined by said stem and a portion of said mat along with an aperture defined within said mat;

a releasable latching mechanism at a distal end of said laterally extending member, said latching mechanism serving to lock down an outer end of an inkjet cartridge; and

a cross section of said laterally extending member which includes a wave.

6. The device of claim 5 wherein said cross section of said laterally extending member comprises two waves.

7. The device of claim 6 wherein said cross section of said laterally extending member comprises an inner plateau followed by a first valley followed by a first crest followed by a second valley followed by a second crest followed by a third valley followed by an outer plateau.

8. A method for cleaning a print head of an inkjet cartridge; said inkjet cartridge adapted to be used in a printer, said print head having a plurality of ejection ports thereon, comprising:

providing a clip for receiving said cartridge;

including a sealing gasket in said clip for fluidly connecting at least some of said plurality of ports to a pressure controlling device through a conduit; and

administering suction to said at least some of said ports using said pressure controlling device to clean out said at least some of said ports.

to clean said at least one of said ports.